

IN THE CLAIMS

Please amend the claims submitted in April 17, 2006 Amendment as follows:

1. (Currently Amended): A method of wireless communications between a first network and a second network enabling a mobile station (MS) subscribed in the first network to communicate using the second network, comprising:
 - storing an identity of the mobile station;
 - obtaining authentication information from the first network based on the identity of the mobile station, the first network being a GSM network, the second network being a CDMA network;
 - using the authentication information from the first network to create a key, the created key being from the first network;
 - substituting the key for an authentication key used in a first algorithm to authenticate the mobile station; and
 - substituting the key for an encryption key used in a second algorithm to encrypt messages between the mobile station and the second network.
2. (Canceled)
3. (Previously Presented): The method of claim 1, wherein the first algorithm is executed in the second network.
4. (Previously Presented): The method of claim 1, wherein the authentication key is SSD-A.
5. (Previously Presented): The method of claim 1, wherein the encryption key is SSD-B.
6. (Canceled)

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7. (Canceled)
8. (Currently Amended): The method of ~~claim 2~~ claim 1, wherein the first algorithm is a CAVE algorithm.
9. (Currently Amended): The method of ~~claim 7~~ claim 1, wherein the second algorithm is a CAVE algorithm.
10. (Currently Amended): A mobile station, comprising:
means for storing an identity of the mobile station;
means for obtaining authentication information from the first network based on the identity of the mobile station, the first network being a GSM network, the second network being a CDMA network;
means for using the authentication information from the first network to create a key, the created key being from the first network;
means for substituting the key for an authentication key used in a first algorithm to authenticate the mobile station; and
means for substituting the key for an encryption key used in a second algorithm to encrypt messages between the mobile station and the second network.
~~means for receiving a key from a first network, the first network being a GSM network;~~
~~means for substituting the first network key for an authentication key used in a first algorithm to authenticate the mobile station; and~~
~~means for substituting the key for an encryption key used in a second algorithm to encrypt messages between the mobile station and a second network.~~
11. (Previously Presented): The mobile station of claim 10, wherein the GSM network is General Packet Radio Services (GPRS).

12. (Previously Presented): The mobile station of claim 10, wherein the GSM network is Universal Mobile Telecommunication System (UMTS).
13. (Previously Presented): The mobile station of claim 10, wherein the GSM network is Wideband-CDMA (W-CDMA).
14. (Canceled)
15. (Currently Amended): The mobile station of ~~claim 14~~ claim 10, wherein the CDMA network is cdma2000-1x.
16. (Currently Amended): The mobile station of ~~claim 14~~ claim 10, wherein the CDMA network is cdma2000-1xEV-DO.
17. (Currently Amended): The ~~mobile station~~ method of claim 1, wherein the GSM network is General Packet Radio Services (GPRS).
18. (Currently Amended): The ~~mobile station~~ method of claim 1, wherein the GSM network is Universal Mobile Telecommunication System (UMTS).
19. (Currently Amended): The ~~mobile station~~ method of claim 1, wherein the GSM network is Wideband-CDMA (W-CDMA).
20. (Currently Amended): The ~~mobile station~~ method of ~~claim 7~~ claim 1, wherein the CDMA network is cdma2000-1x.
21. (Currently Amended): The ~~mobile station~~ method of ~~claim 7~~ claim 1, wherein the CDMA network is cdma2000-1xEV-DO.
- 22-33. (Canceled)